

Title (en)

Method for production of purified (Meth)acrylic acid

Title (de)

Verfahren zur Herstellung von gereinigter (Meth)-Acrylsäure

Title (fr)

Procédé de production d'acide (méth)acrylique purifié

Publication

**EP 2135656 A1 20091223 (EN)**

Application

**EP 09155448 A 20090318**

Priority

US 13034708 P 20080530

Abstract (en)

The present invention relates to reducing corrosion of distillation equipment during azeotropic distillation of (meth)acrylic acid in the presence of dissolved copper, by providing aqueous (meth)acrylic acid having not more than 0.1% by weight formaldehyde, based on the total weight of the aqueous (meth)acrylic acid. The source of the copper may, for example, be copper-based polymerization inhibitors added to the aqueous (meth)acrylic acid and/or distillation equipment.

IPC 8 full level

**B01D 3/36** (2006.01); **C07C 51/46** (2006.01); **C07C 51/50** (2006.01); **C07C 57/04** (2006.01)

CPC (source: EP KR US)

**C07C 51/46** (2013.01 - EP KR US); **C07C 51/50** (2013.01 - EP US); **C07C 57/04** (2013.01 - KR); **B01D 3/36** (2013.01 - EP US)

Citation (applicant)

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AL BA RS

DOCDB simple family (publication)

**EP 2135656 A1 20091223**; BR PI0901627 A2 20100126; BR PI0901627 B1 20190129; CN 101659610 A 20100303; CN 101659610 B 20130213; JP 2009286775 A 20091210; JP 5231315 B2 20130710; KR 101091738 B1 20111208; KR 20090124965 A 20091203; RU 2009120386 A 20101210; SA 109300306 B1 20121124; TW 200951109 A 20091216; TW I385146 B 20130211; US 2009299090 A1 20091203; US 8044238 B2 20111025

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**EP 09155448 A 20090318**; BR PI0901627 A 20090521; CN 200910142699 A 20090531; JP 2009096047 A 20090410; KR 20090046885 A 20090528; RU 2009120386 A 20090529; SA 109300306 A 20090518; TW 98113293 A 20090422; US 45537109 A 20090601